



Influenza Sentinel Surveillance Summary

Statewide
Influenza Percent Positivity

3.4%

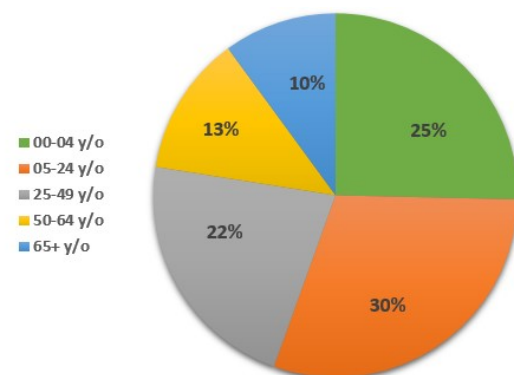
Below Baseline

Statewide
Influenza-Like Illness (ILI)

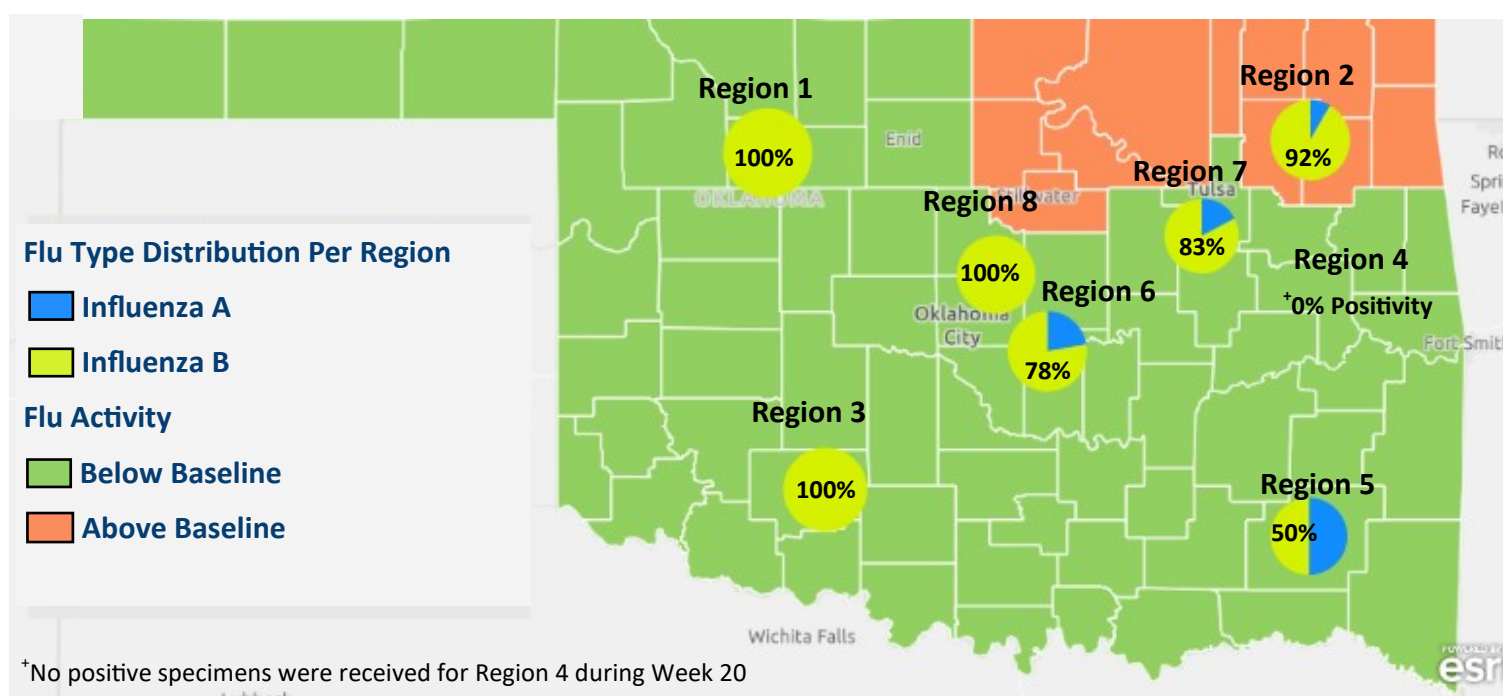
1.0%

Below Baseline

ILI* Age Distribution



Health and Human Services (HHS) Regional Influenza Laboratory Testing Percent Positivity Compared to Baseline and Influenza Type, Week Ending May 20, 2023



*Influenza-like illness (ILI) is defined as having a fever (>100°F) combined with a cough and/or a sore throat.

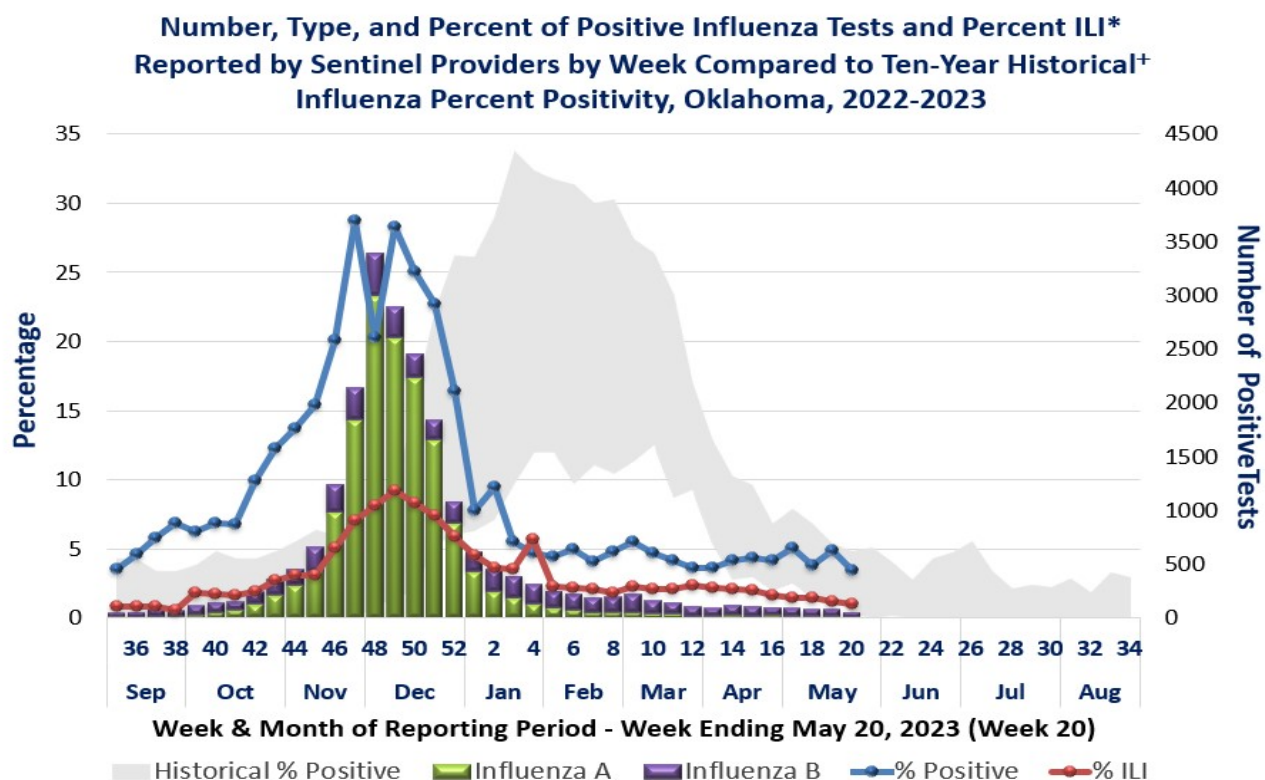
Data are obtained from sentinel outpatient providers participating in the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) and Essence (emergency syndromic surveillance). Hospitalization and death data are reported via the State Disease Reporting System as a reportable condition. Data are reported on a weekly basis for the previous [Morbidity and Mortality Weekly Report \(MMWR\) Week](#).

Influenza Sentinel Surveillance Summary, Oklahoma, April 30, 2023—May 20, 2023

Surveillance Component	Current Week	Week Ending May 13, 2023	Week Ending May 6, 2023
ILI Activity Level	Low	Low	Low
Geographical Spread	Sporadic	Sporadic	Sporadic
Influenza Percent Positivity	3.4%	4.9%	3.8%
Influenza-Like Illness (ILI) Percent	1.0%	1.2%	1.5%
Number of Influenza-Associated Hospitalizations*	7	7	4
Number of Influenza-Associated Deaths*	0	0	0

*This value has been updated to include data received after the previous report was published.

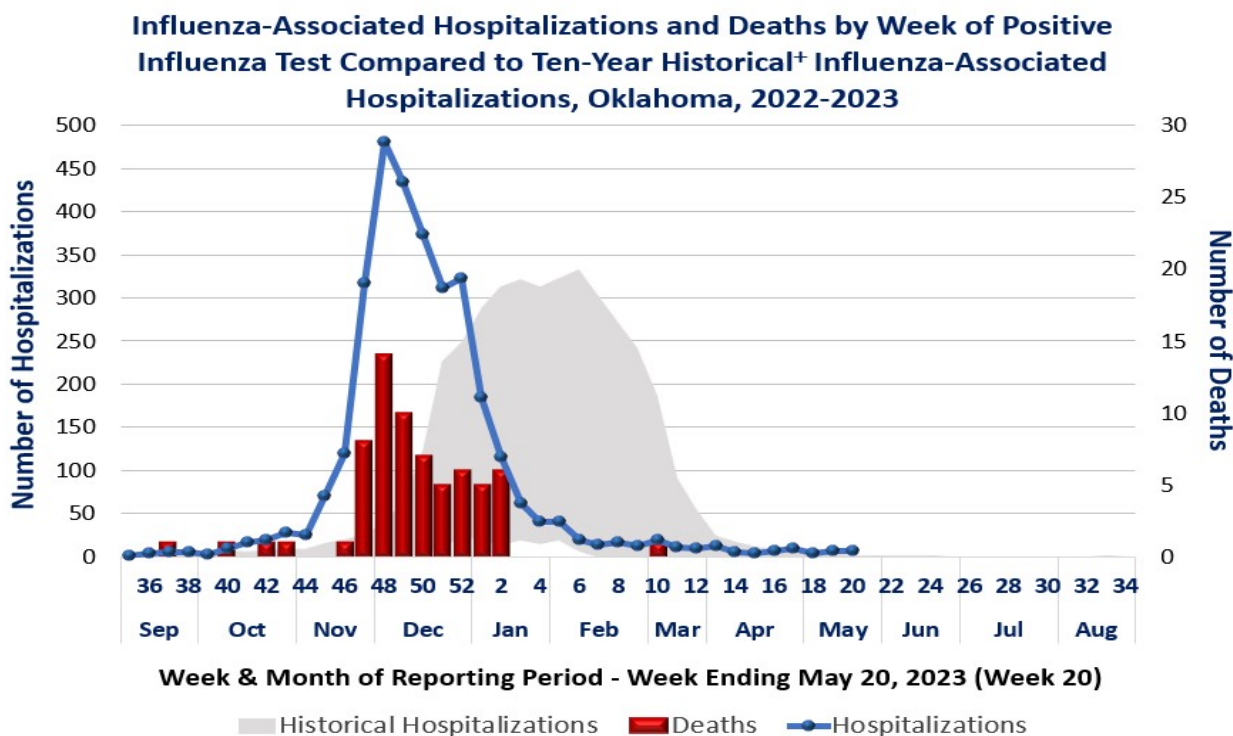
Influenza Sentinel Surveillance Summary (Cont.)



*Influenza-like illness (ILI) is defined as having a fever ($>100^{\circ}\text{F}$) combined with a cough and/or a sore throat.

⁺Historical percent positivity was calculated based on a ten-year average and \pm one standard deviation for 2010-11 to 2019-20 season data.

Influenza-Associated Hospitalizations and Mortality



⁺Historical hospitalizations were calculated based on the ten-year average and \pm one standard deviation for 2010-11 to 2019-20 season data.

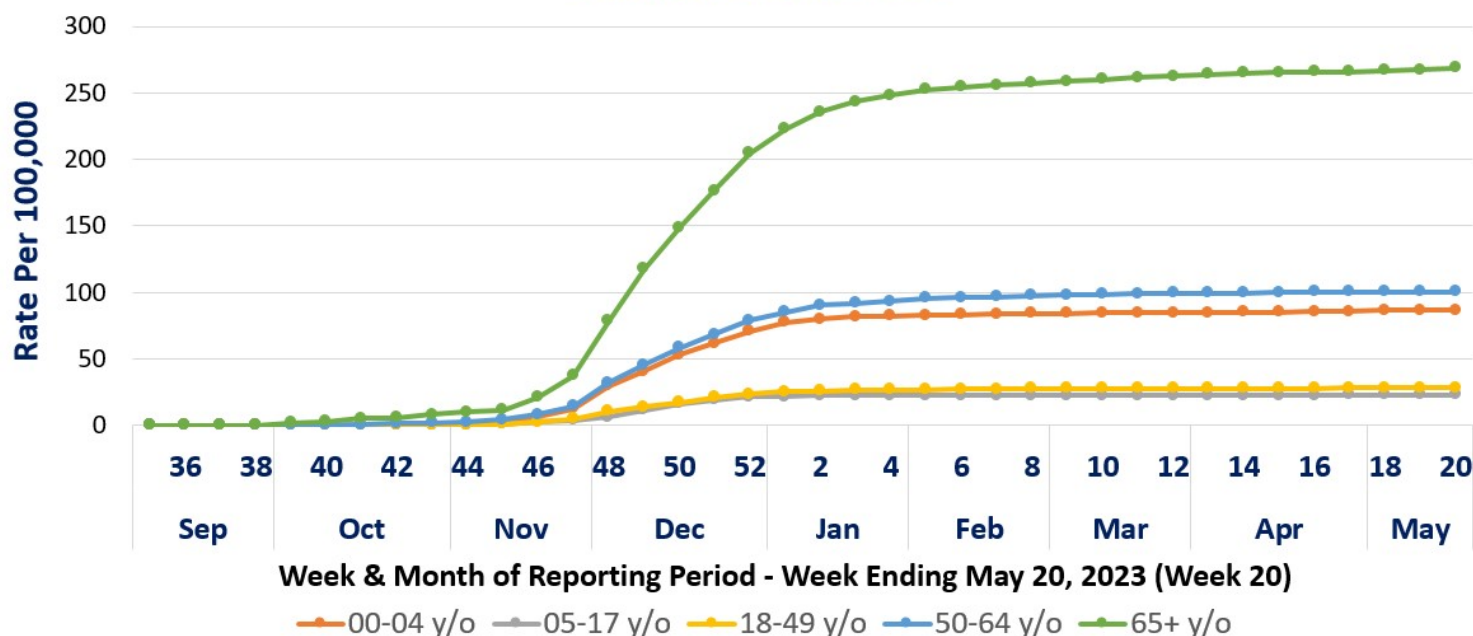


Influenza-Associated Hospitalizations and Mortality Surveillance Summary

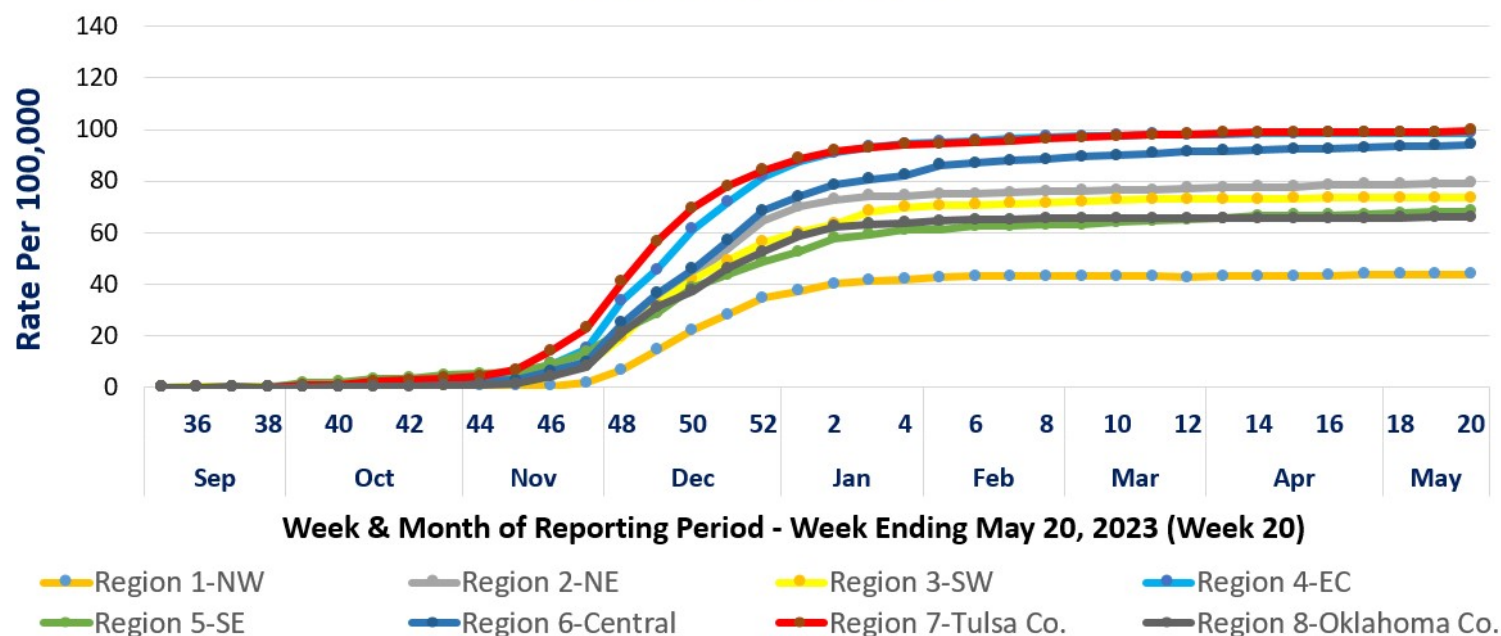
Number of Reported Influenza-Associated Hospitalizations and Deaths, Oklahoma 2022-2023

Number of New Hospitalizations Reported with Testing between May 14 – May 20, 2023	Number of New and Previously Reported Hospitalizations with Testing between September 1, 2022 – May 13, 2023	Cumulative Hospitalizations and/or Deaths Since September 1, 2022	Number of New Deaths Reported with Testing between May 14 – May 20, 2023	Number of New and Previously Reported Deaths with Testing between September 1, 2022 – May 13, 2023	Cumulative Deaths since September 1, 2022
7	3140	3147	0	67	67

Cumulative Influenza Hospitalizations Rate Per 100,000 by Age Group, Oklahoma, 2022-2023

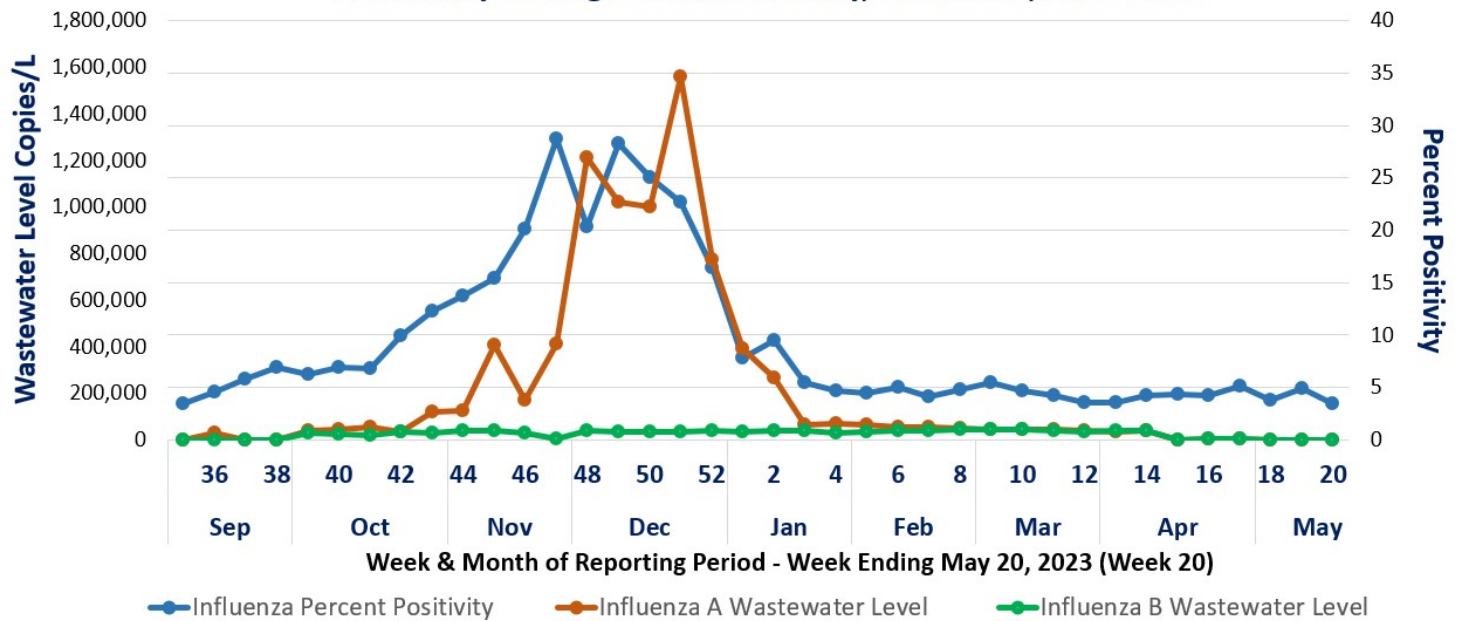


Cumulative Influenza Hospitalization Rate Per 100,000 by HHS Region, Oklahoma, 2022-2023



Influenza Wastewater Surveillance

Comparison of Influenza A and Influenza B Wastewater Levels and Influenza Laboratory Testing Percent Positivity, Oklahoma, 2022-2023



Wastewater from a sewer shed (the community area served by a wastewater collection system) is collected as it flows into a treatment plant. Wastewater surveillance captures presence of Influenza shed by people with and without symptoms. Wastewater data collected in partnership with University of Oklahoma and OU Health Sciences Center.

Influenza Surveillance Summary by HHS Region and Statewide, Oklahoma, April 23, 2023 - May 20, 2023

Influenza Surveillance Summary				
	Percent Positivity	Wastewater	Hospitalizations	Overall Activity
Region 1 - NW	Plateau	Plateau	Plateau	Plateau
Region 2 - NE	Plateau	Plateau	Plateau	Plateau
Region 3 - SW	Plateau	Plateau	Plateau	Plateau
Region 4 - EC	Plateau	Plateau	Plateau	Plateau
Region 5 - SE	Plateau	Plateau	Plateau	Plateau
Region 6 - Central	Plateau	Plateau	Plateau	Plateau
Region 7 - Tulsa Co.	Plateau	Plateau	Plateau	Plateau
Region 8 - Oklahoma Co.	Plateau	Plateau	Plateau	Plateau
Statewide	Plateau	Plateau	Plateau	Plateau